

Appl. No. 10/006,060
Amdt. dated 04/26/2005
Reply to Office Action of 01/26/2005

IN THE CLAIMS:

Please amend Claims 1, 6, 11 and 16 as shown below.

1. (Currently amended) A method of generating an extensible Markup Language (XML) XML schema to validate an XML document representing network packet exchanges, the XML schema being used for defining, describing and cataloguing XML vocabularies for a class of the XML document in XML format, the method comprising the steps of:

identifying transition states of the network packet exchanges being investigated; and

generating, based on the transition states, the XML schema.

2. (Original) The method of Claim 1 wherein each transition state is represented by an XML element.
3. (Original) The method of Claim 2 wherein each element is defined.
4. (Original) The method of Claim 3 wherein all elements in the schema are in a particular sequence.
5. (Original) The method of Claim 4 wherein the sequence is the sequence of the transition states of the packet exchanges.

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6. (Currently amended) A computer program product on a computer readable medium for generating an eXtensible Markup Language (XML) XML schema to validate an XML document representing network packet exchanges, the XML schema being used for defining, describing and cataloguing XML vocabularies for a class of the XML document in XML format, the computer program product comprising:

code means for identifying transition states of the network packet exchanges to investigate; and

code means for generating, based on the transition states, the XML schema.

7. (Original) The computer program product of Claim 6 wherein each transition state is represented by an XML element.
8. (Original) The computer program product of Claim 7 wherein each element is defined.
9. (Original) The computer program product of Claim 3 wherein all elements in the schema are in a particular sequence.
10. (Original) The computer program product of Claim 4 wherein the sequence is the sequence of the transition states of the packet exchanges.

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11. (Currently amended) An apparatus for generating an eXtensible Markup Language (XML) XML schema to validate an XML document representing network packet exchanges, the XML schema being used for defining, describing and cataloguing XML vocabularies for a class of the XML document in XML format, the apparatus comprising:

means for identifying transition states of the network packet exchanges to investigate; and

means for generating, based on the transition states, the XML schema.

12. (Original) The apparatus of Claim 11 wherein each transition state is represented by an XML element.
13. (Original) The apparatus of Claim 12 wherein each element is defined.
14. (Original) The apparatus of Claim 13 wherein all elements in the schema are in a particular sequence.
15. (Original) The apparatus of Claim 14 wherein the sequence is the sequence of the transition states of the packet exchanges.
16. (Currently amended) A computer system for generating an eXtensible Markup Language (XML) XML schema to validate an XML document representing

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network packet exchanges, the XML schema being used for defining, describing and cataloguing XML vocabularies for a class of the XML document in XML format, the computer system comprising:

at least one memory device to store code data; and

at least one processor for processing said code data to identify transition states of the network packet exchanges to investigate and to generate, based on the transition states, the XML schema.

17. (Original) The computer system of Claim 16 wherein each transition state is represented by an XML element.
18. (Original) The computer system of Claim 16 wherein each element is defined.
19. (Original) The computer system of Claim 18 wherein all elements in the schema are in a particular sequence.
20. (Original) The computer system of Claim 19 wherein the sequence is the sequence of the transition states of the packet exchanges.

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